

Investigation of Operational Flexibility in the 2008 Lake Okeechobee Regulation Schedule

**Water Resources Advisory Commission
June 5, 2014**

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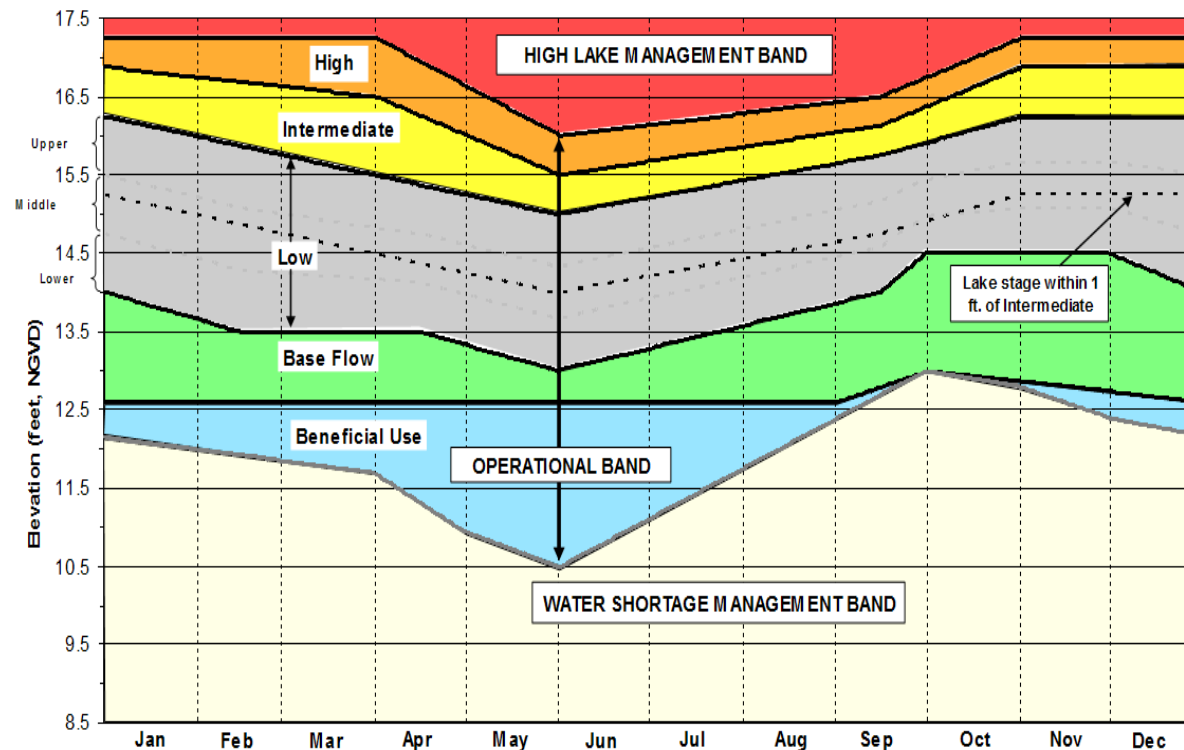
Reasons for Investigation

- 1. Investigate whether operational flexibility in the 2008 LORS can be used to improve performance of the multiple Lake Okeechobee management objectives**
- 2. Develop options for guidance associated with this investigation which will be used for SFWMD staff recommendations to the USACE.**



Areas of Investigation

- Utilize 2008 LORS
- Investigate High, Intermediate & Low Subbands
- “Up to” discharge amounts
- “Make-up” Water Clause
- Time of year, falling water levels, etc...



To be consistent with...

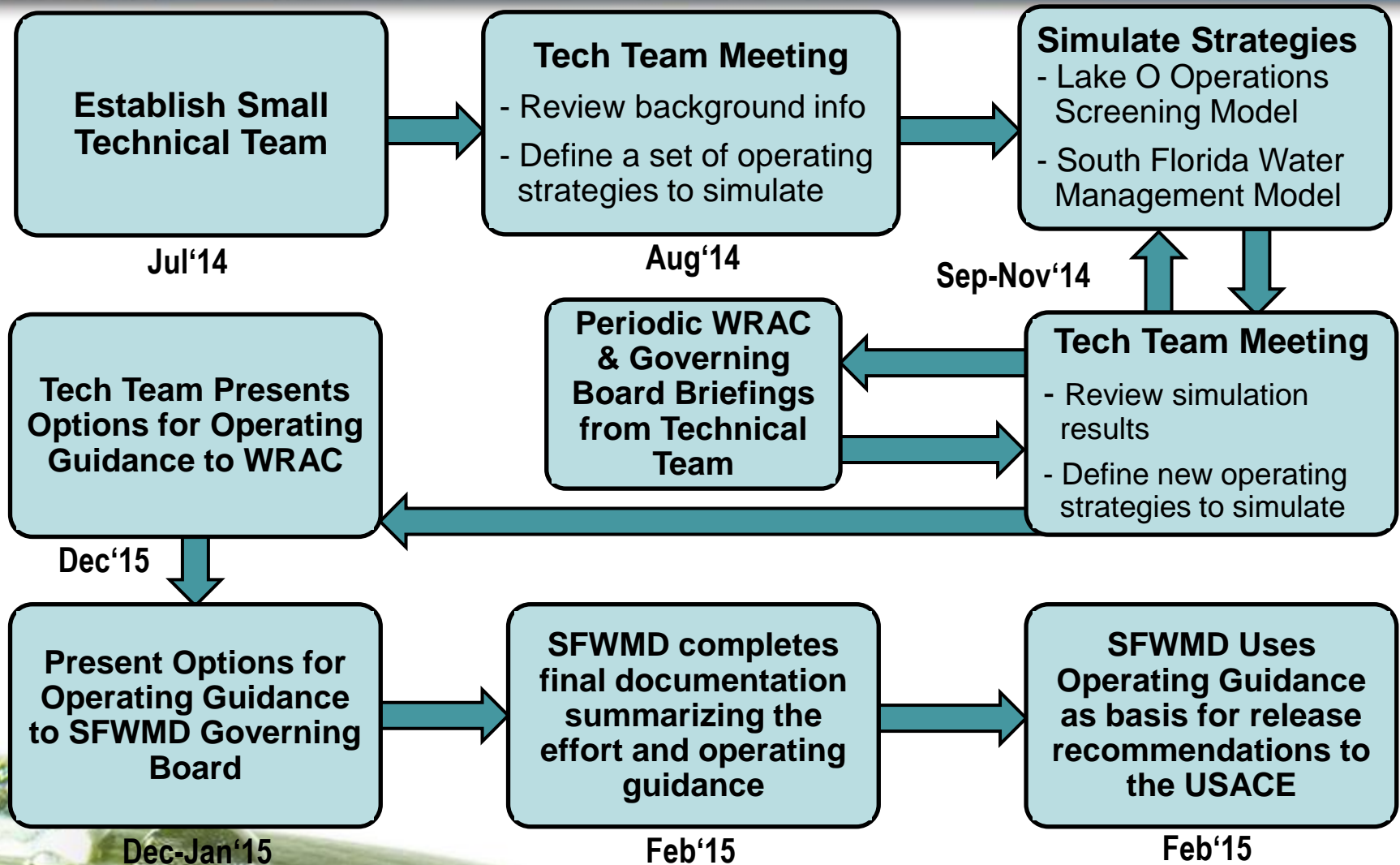
- **The scope of 2008 LORS and the Biological Opinion**
 - Not a regulation schedule reevaluation
- **Existing Water Supply Components**
 - Water Shortage Plans
 - Minimum flows and levels
 - Consumptive Use program
- **Lake O Adaptive Protocols**
- **Current performance measures**
 - Estuaries
 - Lake Okeechobee
 - Water Supply
 - Water Quality

Goals

- **To create a “larger” pot of water in the Lake during the early dry season for all users**
- **To assist in reduction of high flow discharges to the estuaries**
- **To make more informed recommendations to USACE**



Process & Approximate Timeline

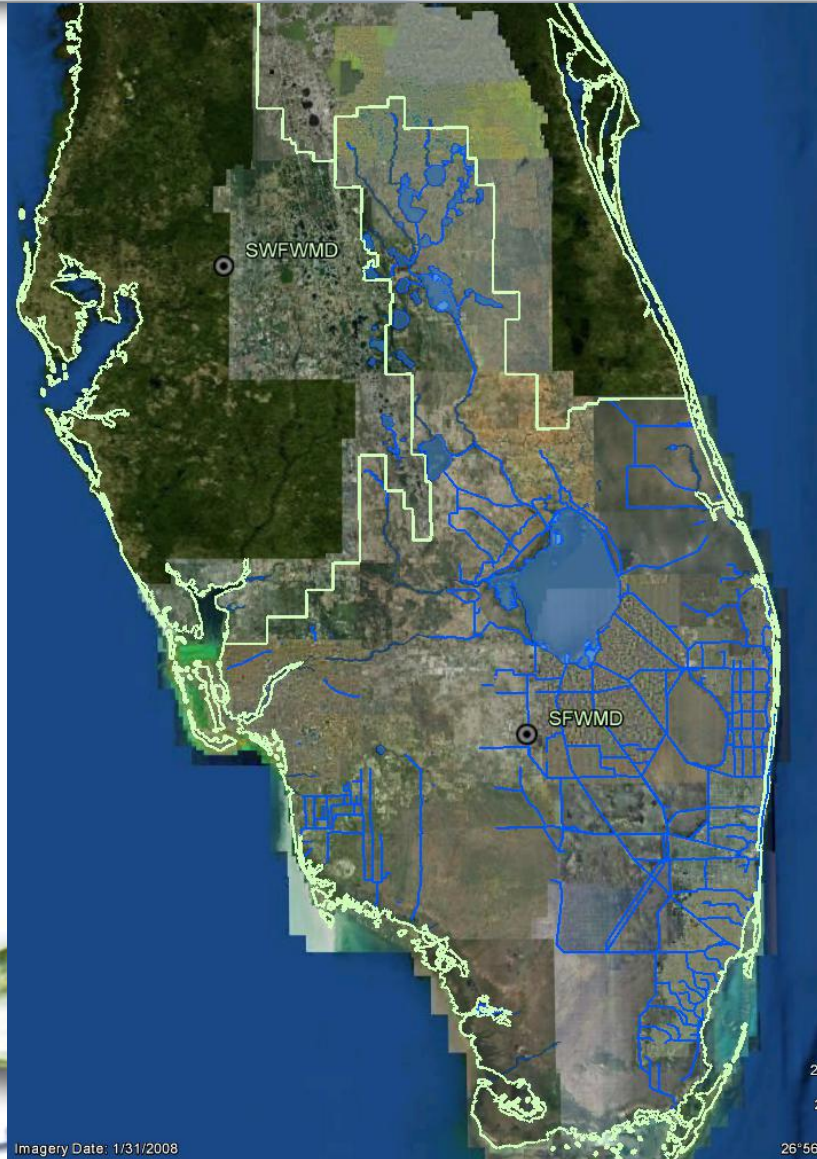


Potential Technical Team Formulation

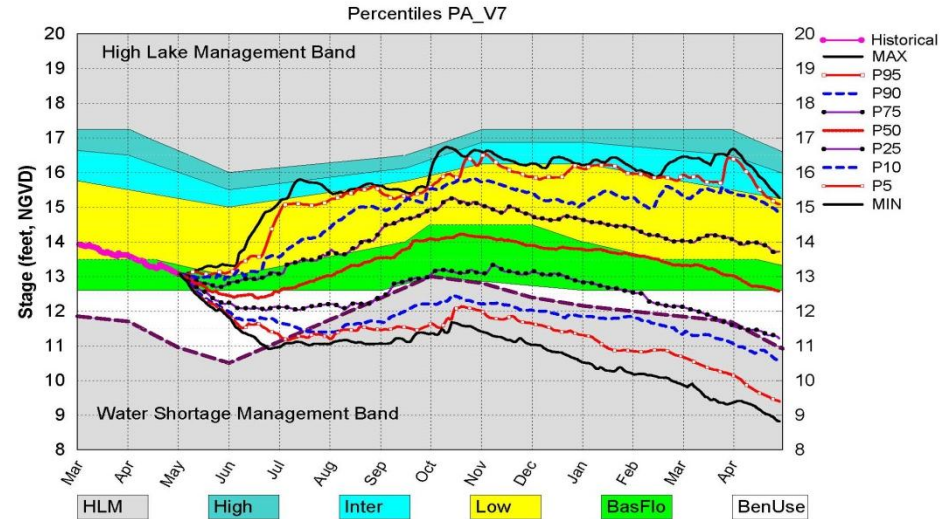
- **Interdisciplinary SFWMD staff participants (~5-8)**
 - **Water Resources, Policy, and Operations Engineers, Scientists, & Hydro Modelers**
- **Stakeholder participants (~8-10)**
 - **Representatives from St. Lucie and Caloosahatchee Estuaries, Lake Okeechobee, Agriculture, Northern & Southern Everglades**
- **Report to WRAC and Governing Board periodically**



Discussion



Lake Okeechobee SFWMM May 2014 Position Analysis



Mon May 5 14:10:37 2014

(See assumptions on the Position Analysis Results website)

Lake Okeechobee Water Level Comparison

